

Control Valve Engineering I



Course 1304 **CEUs: 2.8**

Overview

This 4-day Fisher Controls session is for engineers, technicians, and others responsible for selecting the correct control valve, actuator, and accessories to operate through the full range of process conditions. This course covers general applications and emphasizes the sizing and selection methods for a broad variety of control valves and actuators.

Students who complete this course will be able to:

- select the proper valve characteristic for a given process
- choose suitable styles of control valves for an application
- size control valves and actuators
- select the best actuator for all applications
- properly apply positioners and instruments

Prerequisites Some experience with industrial controls equipment including control valves and actuators would be helpful.

Topics

- Control Valve Selection: Rotary / Sliding Stem
- Liquid Valve Sizing
- Actuator Selection and Sizing
- Cavitation
- Corrosion Resistant Valves
- Positioners and Transducers
- Valve Application Guidelines
- Valve Characteristics
- Valve Packing Considerations
- Valve Noise Prediction
- Gas Valve Sizing

Course Location Control Dynamics, Inc., 201 Wydlerose Dr., Midlothian, VA 23113

Course Dates October 19 thru 22, 2010 **Registration Deadline** 3 weeks prior to course start date

Sponsored By Emerson Educational Services and Control Dynamics

To Enroll or for Information Contact Connie Goodman at 804-858-5878 or Connie.Goodman@Control-Dynamics.com

Price \$2,200 USDL

Purchase order or payment is required at the time of enrollment. Please make PO, check, or credit cards payable to Control Dynamics, Inc.

Cancellations: If your plans or budgets change, you may cancel your reservations up to 14 calendar days prior to the start of the course without incurring a cancellation charge. Limited enrollment makes it necessary to charge 50% of the full tuition for cancellations received during the 14 days prior to the start of the course, and full tuition for failure to attend without canceling. Substitutions are accepted until the first day of class.

Educational Services
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